

REMARKS

Claims 1, 7-11, and 15 are pending in the present application. Claims 1 and 15 are the remaining independent claims. Claims 2-6, 12-14, and 16 have been cancelled.

Summary of Examiner Interview

Applicants extend their appreciation to Examiner Wen-Tai Lin for the courtesies extended to the representative, Michael R. Cammarata, during the interview conducted on March 11, 2005. During this interview a proposed claim amendment was discussed with the Examiner in relation to the applied art in the last Office Action. As reflected on the interview summary form, this proposed amendment suggested merging claims 1, 2, 4, and 13 into a single independent claim while likewise amending independent claim 15. Examiner Lin was not entirely convinced by these amendments and the attendant arguments presented during the interview.

Examiner Lin suggested adding the features of claims 6 and 16 to independent claims 1 and 15, respectively. Examiner Lin suggested that such amendments would place this application in condition for allowance pending an update search. This After Final Amendment accepts the Examiner's suggestions and adds claims 6 and 16 to independent claims 1 and 15, respectively along with the intervening features of dependent claims as further explained below. Thus, this application is believed to be in

condition for allowance and Applicants earnestly solicit an early indication therefore in the form of a Notice of Allowance.

Furthermore, Applicants' representative also raised the issue of amending the specification on pages 9 and 10 so as to provide a more consistent use of terminology. Examiner Lin agreed that these amendments (attached hereto in the identical form presented to the Examiner) present no problem and would be entered with the filing of the next Reply.

Art Rejections

Claims 1, 2, 4, 5, and 8-12 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Hoffer (USP 5,799,151) in view of Cuenod (USP 5,317,693). Also, claims 6-7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Hoffer, Cuenod and further in view of Housel (USP 5,909,569). Additionally, claims 13-16 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Hoffer, Cuenod and further in view of Matthews (USP 6,101,601). These rejections, insofar as they pertain to the presently pending claims, are respectfully traversed.

As noted above, Applicants have amended the claims by adding the features of dependent claim 13 to independent claim 1 along with the intervening features of claims 2 and 4. Also, dependent claim 6 and intervening claim 5 have also been added to independent claim 1. Additionally, the features of dependent claim 16 have been

added to independent claim 15. To further simplify the issues and gain entry of this Amendment After Final, independent claim 12 has been cancelled. Thus, the sole remaining independent claims are 1 and 15 which have been amended to clearly distinguish over the applied art. Examiner Lin agreed during the interview that particularly the features of claims 6 and 16 appear to distinguish over the art of record. Applicants have added these distinguishing features to the independent claims thereby clearly establishing patentability.

In more detail, the distinguishing features of claim 6 which have been now added to independent claim 1 and include the differential detector for detecting a difference between the client display pictures storage and said client display picture storage and a client display picture newly generated by said client display screen constructor, wherein the transmitting section transmits only differential information detected by said differential detector to said terminal. As the Examiner agreed during the interview, none of the applied art teaches or suggests this feature. Likewise, the method of claim 16 which has now been added to claim 15 further recites constructing the subsequent picture and storing the subsequent picture into memory; detecting a difference between the subsequent pictures stored in memory and a picture newly generated to display the information associated with the selected menu item, and transmitting only differential information associated with the detected difference through the terminal. These distinguishing features, as the Examiner agreed during the

interview, establish patentability over the art of record. Therefore, Applicants request allowance of these claims.

Furthermore, the distinguishing features of claims 6 and 16 should not be read in isolation. Indeed, the patentability of any claim must be determined based on the full combination of features recited therein. Applicants have added much more than simply claims 6 and 16 to the respective claims 1 and 15. These further distinguishing features include (for independent claim 1) further details of the information processing center, the receiving section and the initial picture as well as the client application memory and client display screen constructor. Additional arguments as to these other features are presented below.

For example, Matthews is applied in the Office Action to teach a network boot procedure which restores a rebooted network computer to its former state before a power failure. These teachings, however, are not sufficient to teach or suggest the claimed information processing section which sends to the terminal a subsequent picture including a plurality of menu items for user selection, including a menu item for a picture displayed on the terminal immediately before previous power-off of the terminal, the information processing section to send through the terminal, for display, information associated with at least one of the plurality of menu items in response to user selection. The Office Action appears to be ignoring these features and applying official notice. As stated by the Examiner, it is a noted nominal practice to prompt the

user of a crashed system to restart an application or restore it to a state right before the system is crashed (see page 9, lines 1-3 of the Office Action).

These official notice allegations do not address the menu item selection of a picture displayed on the terminal immediately before previous power-off of the terminal. Furthermore, Matthews is limited to saving the general state of the terminal using image 314 or image 400. These "images" merely include header information, state information 404 and paging file information 406. As further discussed in column 5, lines 37-59, these "images" merely contain information such as file layout, loading information, state of the physical memory, etc. and return the terminal to a nominal operating mode. These images do not include and do not suggest storing a picture displayed on the terminal immediately before previous power-off of the terminal. Indeed, such a picture is a user-specific picture. In other words, each user of the terminal would be utilizing a different application program and would generally be viewing a different display screen image when power is lost. To recover this lost displayed image, the user will need to identify himself via a login screen (as claimed) such that the information processing center can send the correct last displayed image to the particular user.

Matthews actually teaches away from such functionality by disclosing that with respect to the state of the computer saved that "this state may be one after selected applications have been initiated, but before personal preferences in the case of multiple

users of NC." (Col. 4, lines 44-46). Thus, there is no login or identification of the user and Matthews' saved display or image merely returns the terminal to a predictable operating state but is not particular to the user and does not disclose or suggest sending a picture displayed on a terminal immediately before previous power-off of the terminal.

These other distinguishing features are not found in Matthews and the Examiner's reliance upon official notice is hereby challenged. Applicants suggest that further prosecution is unnecessary as to these features as Applicants have added additional features of claims 6 and 16 to independent claims 1 and 15 respectively. These features are discussed above and were discussed in detail during the Examiner interview at which time the Examiner agreed they were allowable. If the Examiner, however, continues to reject this application, then Applicants request specific references to teach all of the features relied upon in the official notice statements.

Likewise, independent claim 15 recites other additional features beyond those from claim 16 which also distinguish over the applied art. These features include receiving power-on information and receiving the user input of identification information and receiving the user input of identification information to generate a subsequent picture for the at least one terminal including a plurality of menu items for user selection, including a menu item for a picture displayed on the terminal immediately before previous power-off of the terminal. As further recited in claim 15

and also not found or suggested in any of the applied art of record, there is recited receiving the user's selection of a menu item to generate information associated with the selected menu item for display on the terminal and constructing the subsequent picture and storing the subsequent picture into memory. These additional features should be read in combination with the detecting a difference and transmitting only differential information steps that were additionally added to claim 15 to distinguish over the applied art.

Applicants assert that the full combination of features is not found or suggested by any of the applied art even when taken in combination as suggested in the Office Action. Furthermore, the remaining dependent claims 7-11 are considered allowable at least because of their dependence upon independent claim 1 which is argued above in detail.

For all of the above reasons, taken alone or in combination, Applicants respectfully request reconsideration and withdrawal of the art rejections.

Entry of After Final Amendment is Proper

All of the above amendments clearly simplify issues before the Examiner by adding the features of already-pending dependent claims to the independent claims. Indeed, dependent claims 2, 4, 5, and 6 have been added to independent claim 1. Furthermore, already pending dependent claim 16 has been added to independent

claim 15. To further simplify the issues, independent claim 12 and its dependent claim 13 and 14 have been cancelled.

Furthermore, Applicants have merely complied with the Examiner's suggestions raised during the interview held on March 11, 2005. Therefore, entry of these amendments is proper even after final rejection as here. For the reasons discussed above in detail, Applicants respectfully request a formal indication of allowability in the form of a Notice of Allowance.

Conclusion

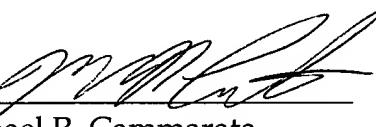
In view of the above amendments and remarks, the Examiner is respectfully requested to reconsider the outstanding rejections and issue a Notice of Allowance in the present application.

Should the Examiner believe that any outstanding matters remain in the present application, the Examiner is respectfully requested to contact Michael R. Cammarata (Reg. No. 39,491) at the telephone number of the undersigned to discuss the present application in an effort to expedite prosecution.

Respectfully submitted,

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By


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